

Title (en)
LIGHTING SYSTEM AND METHOD FOR A MOTOR VEHICLE

Title (de)
BELEUCHTUNGSSYSTEM UND VERFAHREN FÜR EIN KRAFTFAHRZEUG

Title (fr)
SYSTEME ET PROCEDE D'ECLAIRAGE POUR VEHICULE AUTOMOBILE

Publication
EP 3455102 B1 20200422 (FR)

Application
EP 17728907 A 20170509

Priority

- FR 1654193 A 20160511
- FR 2017051100 W 20170509

Abstract (en)
[origin: WO2017194868A1] A lighting system for a motor vehicle (VP), comprising a pair of headlamps, each headlamp (1) comprising a main lighting module (2) arranged to emit a dipped beam, a plurality of adjacent additional lighting modules (3, 4, 5), characterised in that the additional modules (3, 4, 5) are controlled separately in azimuth and each comprise a plurality of light sources capable of generating, respectively, segments of main beams, arranged and controlled by the control unit (7) to illuminate areas in addition to the dipped beam by using the beam segments depending on the detection of one or more obstacles located in the field of vision of the image sensor (CAM) so as to produce additional lighting in the areas not covered by the dipped beam and/or to create one or more dark areas between the carrier vehicle (VP) and the detected obstacle or obstacles by switching off corresponding beam segments.

IPC 8 full level
B60Q 1/14 (2006.01); **B60Q 1/10** (2006.01); **B60Q 1/12** (2006.01); **B60Q 1/18** (2006.01)

CPC (source: EP)
B60Q 1/143 (2013.01); **B60Q 1/18** (2013.01); **B60Q 1/10** (2013.01); **B60Q 1/12** (2013.01); **B60Q 2300/056** (2013.01); **B60Q 2300/41** (2013.01); **B60Q 2300/42** (2013.01); **B60Q 2300/45** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017194868 A1 20171116; EP 3455102 A1 20190320; EP 3455102 B1 20200422; FR 3051160 A1 20171117; FR 3051160 B1 20180525

DOCDB simple family (application)
FR 2017051100 W 20170509; EP 17728907 A 20170509; FR 1654193 A 20160511